

Comments regarding Broadband PowerLine Proposal. I am writing in opposition to the proposal. I have been an Amateur Radio Operator for 25 years (Callsign N9CIQ). I have heard the type of radio frequency interference generated by the current version of BPL. Some of it sounds like very loud power line noise (such as when insulators are about to breakdown), some sounds like very broad computer CPU/Monitor noise (which I might add is Part 15 covered and regulated), and some sounds much like popping/clicking type static. The current level of spurious radiation from BPL is unacceptable. If such radiation were emanating from any Part 15 device, the FCC would be in contact with the equipment manufacturer and demanding an explanation and cure for the RFI problem. RFI from BPL should be no different. Allowing higher levels of radiation for BPL and the attendant higher levels of radio frequency interference would likely severely limit and/or destroy the usefulness of HF/VHF spectrum by the amateur radio service and other regulated users. There are other means of delivering broadband Internet service that are just as effective and less intrusive to other users of radio frequency spectrum. If at some point in the future we can fashion BPL technology that does not interfere with other spectrum users (one that could be regulated under Part 15-type rules), then I would consider supporting BPL. However, BPL in its current form it is too noisy and would cause severe disruption to other users of spectrum. Powerlines are not designed to handle RF (unlike coaxial cable or fiber optics) and I think therein lies the problem we currently see with BPL RFI. The FCC should weigh the public good of Amateur Radio and other users of HF/VHF spectrum and the current regulatory structure (Part 15 rules) against the delivery of broadband Internet which, as previously stated, can be delivered via many other proven means and methods. Thank you for your time.